

FYUGP - COLLEGE BASKET

COMMERCE - ACCOUNTS WITH DATA SCIENCE (DOUBLE MAJOR) ELECTIVE

SEMESTER 1			
Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-1	UK1DSCCOM100	Accounting Principles and Standards	4
DSC-2	UK1DSCCOM101	Management Concepts and Practices	4
DSC-3	UK1DSCCSC106	Data Science Fundamentals	4
Multi-Disciplinary Course			
MDC-1	UK1MDCCOM101	Fundamentals of Investment	3
Ability Enhancement Course			
AEC-1		English	3
AEC-2		Malayalam / Hindi	3

SEMESTER 2			
Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-4	UK2DSCCOM100	Financial Accounting	4
DSC-5	UK2DSCCSC106	Python for Data Analytics	4
DSC-6	UK2DSCCSC107	R Programming for Data Science	4
Multi-Disciplinary Course			
MDC-2			3
Ability Enhancement Course			
AEC-3		English	3
AEC-4		Malayalam / Hindi	3

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SEMESTER 3			
Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-7	UK3DSCCOM202	Entrepreneurship Development	4
DSC-8	UK3DSCCSC209	Data Mining Concepts and Techniques	4
DSC-9	UK3DSCCSC210	Data Visualisation	4
Discipline Specific Elective			
DSE-1	UK3DSECOM200	Investment Management	4
Multi-Disciplinary Course			
MDC-3		Kerala Studies	3
Value Added Course			
VAC-1	UK3VACCOM200	Business and Professional Ethics	3

SEMESTER 4			
Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-10	UK4DSCCOM202	Business Economics	4
DSC-11	UK4DSCCSC200	Database Management System	4
Discipline Specific Elective			
DSE-2	UK4DSECOM200	Financial Markets and Services	4
Skill Enhancement Course			
SEC-1	UK4SECCOM200	Entrepreneurial Skills	3
Value Added Course			
VAC-2	UK4VACCOM200	Consumer Rights and Protection	3
VAC-3	UK4VACCOM201	Sustainable Business Practices	3
		Internship	2

SEMESTER 5			
Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-12	UK5DSCCOM300	Financial Management	4

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DSC-13	UK5DSCCOM302	Cost Accounting	4
DSC-14	UK5DSCCSC302	Software Engineering	4
Discipline Specific Elective			
DSE-3	UK5DSECOM300	Stock Exchanges: Operations and Regulations	4
DSE-4	UK5DSECSC302	Data Analytics with R	4
Skill Enhancement Course			
SEC-2	UK5SECCOM300	Data Analysis and Visualization in Finance	3

SEMESTER 6

Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-15	UK6DSCCOM303	Auditing Principles and Practices	4
DSC-16	UK6DSCCSC300	Machine Learning	4
DSC-17	UK6DSCCSC305	Internet of Things	4
Discipline Specific Elective			
DSE-5	UK6DSECOM300	Security Analysis and Portfolio Management	4
DSE-6	UK6DSECSC303	Big Data Technologies Using Hadoop	4
Skill Enhancement Course			
SEC-3	UK6SECCOM303	Stock Market Operations	3

SEMESTER 7

Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-18	UK7DSCCOM401	Accounting Standards and Disclosure	4
DSC-19	UK7DSCCSC400	Research Methodology	4
DSC-20	UK7DSCCSC404	Block Chain Technologies	4
DSC-21	UK7DSCCSC415	Social Media Analytics	4
DSC-22	UK7DSCCSC416	Text Mining	4

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Discipline Specific Elective			
DSE-7	UK7DSECOM400	Behavioural Finance	4

SEMESTER 8			
Category	Course Code	Course Name	Credits
Discipline Specific Core			
DSC-23		Online Course 1	4
DSC-24		Online Course 2	4
CIP	UK8CIPCAP400	Internship Project (For UG Honors)	12
RPH	UK8RPHCAP400	Research Project (For UG Honors with research)	

PATHWAYS

Pathways	DSC Major + DSE (4 credits)	Minor (4 credits)	MDC, SEC, VAC (3 credits each)	AEC (3 credits)	Internship (2 credits)	Total Credits
B. Com Single Major	68 Credits 17 courses (11+6)	24 credits 6 Courses	27 Credits 9 Courses	12 Credits 4 Courses	2 credits	133
B. Com Major with Multiple Disciplines	68 credits 17 courses (11+6)	12+12 Credits 3+3 Courses	27 Credits 9 Courses	12 Credits 4 Courses	2 credits	133
B. Com Major with Single Minor	68 credits 17 courses (11+6)	24 Credits 6 Courses	27 Credits 9 Courses	12 Credits 4 Courses	2 credits	133

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